



#3

Atty. Dkt. No. AMAT/3840/CALB/COPPER/PJS

**COMBINED DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☒ original
- ☐ divisional
- ☐ continuation
- ☐ continuation-in-part

**INVENTORSHIP IDENTIFICATION**

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**A METHOD AND APPARTUS FOR CONDITIONING ELECTROCHEMICAL  
BATHS USED IN PLATING TECHNOLOGY****SPECIFICATION IDENTIFICATION**

The specification of which:

- ☐ is attached hereto
- ☒ was filed on June 13, 2001, under Serial No. 09/882,208, executed on even date herewith; or
- ☐ Express Mail No. (as Serial No. not yet known) and was amended on \_\_\_\_\_ (if applicable)
- ☐ was described and claimed in PCT International Application No. \_\_\_\_\_ filed on \_\_\_\_\_ and as amended under PCT Article 19 on \_\_\_\_\_.

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and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR 1.98.

**PRIORITY CLAIM (35 U.S.C., 119)**

I hereby claim foreign priority benefits under Title 35, United States Code, 119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

☐ No such applications have been filed.

☒ Such applications have been filed as follows:

**A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C., 119**

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

**B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application**

Country:  
Application No:  
Filing date:

**C. U.S. Provisional Application filed within 12 months prior to this application**

<u>Serial No.</u>	<u>Filing Date</u>
60/211,711	06/15/2000

**PRIORITY CLAIM (35 U.S.C., 120)**

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### Send correspondence to:

Patent Counsel  
Applied Materials, Inc.  
P.O. Box 450-A  
Santa Clara, CA 95052

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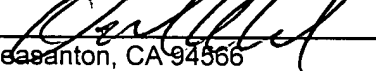
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Full name of **first** inventor: ROBIN CHEUNG

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Cupertino, CA 95014  
Post Office Address: 21428 Krzich Place  
U.S.A. Country of Citizenship: USA

Full name of **second** inventor: DANIEL A. CARL

Inventor's signature:  Date: 8-21-01  
Residence: Pleasanton, CA 94566  
Post Office Address: 2161 Pomezia Court  
U.S.A. Country of Citizenship: USA

Full name of **third** inventor: LIANG-YUH CHEN

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Foster City, CA 94404  
Post Office Address: 1400 Melbourne Street  
U.S.A. Country of Citizenship: TAIWAN

Full name of **fourth** inventor: YEZDI DORDI

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Residence: Palo Alto, CA 94303  
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Full name of **fifth** inventor: PAUL F. SMITH

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Residence: San Jose, CA 95112  
Post Office Address: 225 E. Taylor Street, #4  
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Full name of **sixth** inventor: RATSON MORAD

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Palo Alto, CA 94306  
Post Office Address: 4157 Solana Drive  
U.S.A. Country of Citizenship: ISRAEL

Full name of **seventh** inventor: PETER HEY

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Sunnyvale, CA 94087  
Post Office Address: 1087 Robbia Dr.  
U.S.A. Country of Citizenship: GERMANY

Full name of **eighth** inventor: ASHOK SINHA

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
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Post Office Address: 4176 Hubbart Dr.  
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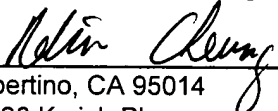
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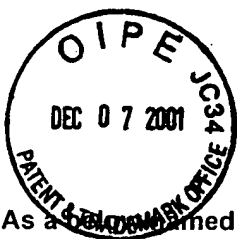
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U.S.A. Country of Citizenship: USA

Full name of **third** inventor:

LIANG-YUH CHEN

Inventor's signature: \_\_\_\_\_

Date: Aug. 16 - 2001

Residence:

Foster City, CA 94404

Post Office Address:

1400 Melbourne Street

U.S.A.

Country of Citizenship: TAIWAN

Full name of **fourth** inventor:

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Residence:

Palo Alto, CA 94303

Post Office Address:

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Full name of **fifth** inventor:

PAUL F. SMITH

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U.S.A.

Country of Citizenship: USA

Full name of **sixth** inventor:

RATSON MORAD

Inventor's signature: \_\_\_\_\_

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Residence:

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Post Office Address:

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Country of Citizenship: ISRAEL

Full name of **seventh** inventor:

PETER HEY

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence:

Sunnyvale, CA 94087

Post Office Address:

1087 Robbia Dr.

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Full name of **eighth** inventor:

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		<u>Patented</u> <u>Pending</u> <u>Abandoned</u>

## POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Donald Verplancken	Registration No. 33,217
Michael B. Einschlag	Registration No. 29,301
Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Walter Benjamin Glenn	Registration No. 44,713
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436
Joseph Bach	Registration No. 37,771
B. Todd Patterson	Registration No. 37,906
Raymond R. Moser, Jr.	Registration No. 34,682
Keith M. Tackett	Registration No. 32,008
Douglas H. Elliott	Registration No. 32,982
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### Send correspondence to:

Patent Counsel  
Applied Materials, Inc.  
P.O. Box 450-A  
Santa Clara, CA 95052

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## DECLARATION

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Full name of **first** inventor: ROBIN CHEUNG

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Cupertino, CA 95014

Post Office Address: 21428 Krzich Place  
U.S.A.

Country of Citizenship: USA

Full name of **second** inventor: DANIEL A. CARL

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Pleasanton, CA 94566

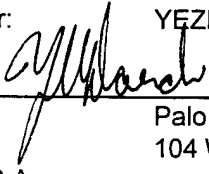
Post Office Address: 2161 Pomezia Court  
U.S.A.

Country of Citizenship: USA

Full name of **third** inventor: LIANG-YUH CHEN

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Foster City, CA 94404  
Post Office Address: 1400 Melbourne Street  
U.S.A. Country of Citizenship: TAIWAN

Full name of **fourth** inventor: YEZDI DORDI

Inventor's signature:  \_\_\_\_\_ Date: Aug 17, 2001  
Residence: Palo Alto, CA 94303  
Post Office Address: 104 Walter Hays Drive  
U.S.A. Country of Citizenship: USA

Full name of **fifth** inventor: PAUL F. SMITH

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: San Jose, CA 95112  
Post Office Address: 225 E. Taylor Street, #4  
U.S.A. Country of Citizenship: USA

Full name of **sixth** inventor: RATSON MORAD

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Palo Alto, CA 94306  
Post Office Address: 4157 Solana Drive  
U.S.A. Country of Citizenship: ISRAEL

Full name of **seventh** inventor: PETER HEY

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Sunnyvale, CA 94087  
Post Office Address: 1087 Robbia Dr.  
U.S.A. Country of Citizenship: GERMANY

Full name of **eighth** inventor: ASHOK SINHA

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Palo Alto, CA 94306  
Post Office Address: 4176 Hubbart Dr.  
U.S.A. Country of Citizenship: USA

(Declaration ends with this page)





43

## COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☒ original
- ☐ divisional
- ☐ continuation
- ☐ continuation-in-part

### INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

### A METHOD AND APPARTUS FOR CONDITIONING ELECTROCHEMICAL BATHS USED IN PLATING TECHNOLOGY

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The specification of which:

- ☐ is attached hereto
- ☒ was filed on June 13, 2001, under Serial No. 09/882,208, executed on even date herewith; or
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- ☐ was described and claimed in PCT International Application No. \_\_\_\_\_ filed on \_\_\_\_\_ and as amended under PCT Article 19 on \_\_\_\_\_.

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and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

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**PRIORITY CLAIM (35 U.S.C. 119)**

I hereby claim foreign priority benefits under Title 35, United States Code, 119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

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**A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. 119**

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

**B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application**

Country:  
Application No:  
Filing date:

**C. U.S. Provisional Application filed within 12 months prior to this application**

<u>Serial No.</u>	<u>Filing Date</u>
60/211,711	06/15/2000

**PRIORITY CLAIM (35 U.S.C. 120)**

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Residence: Foster City, CA 94404

Post Office Address: 1400 Melbourne Street

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Residence: Palo Alto, CA 94303

Post Office Address: 104 Walter Hays Drive

U.S.A. Country of Citizenship: USA

Full name of **fifth** inventor: PAUL F. SMITH

Inventor's signature: *Paul F. Smith* Date: *8/20/01*

Residence: ~~San Jose, CA 95112~~

Post Office Address: ~~225 E. Taylor Street, #113~~

U.S.A. *955 Stonehurst Way* Country of Citizenship: USA  
*Campbell, CA 95008*

Full name of **sixth** inventor: RATSON MORAD

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Palo Alto, CA 94306

Post Office Address: 4157 Solana Drive

U.S.A. Country of Citizenship: ISRAEL

Full name of **seventh** inventor: PETER HEY

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Sunnyvale, CA 94087

Post Office Address: 1087 Robbia Dr.

U.S.A. Country of Citizenship: GERMANY

Full name of **eighth** inventor: ASHOK SINHA

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Palo Alto, CA 94306

Post Office Address: 4176 Hubbart Dr.

U.S.A. Country of Citizenship: USA

(Declaration ends with this page)



**COMBINED DECLARATION AND POWER OF ATTORNEY**

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- ☐ divisional
- ☐ continuation
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BATHS USED IN PLATING TECHNOLOGY**

**SPECIFICATION IDENTIFICATION**

The specification of which:

- ☐ is attached hereto
- ☒ was filed on June 13, 2001, under Serial No. 09/882,208, executed on even date herewith; or
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- ☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR 1.98.

XB

**PRIORITY CLAIM (35 U.S.C., 119)**

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☒ Such applications have been filed as follows:

**A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C., 119**

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

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Country:  
Application No:  
Filing date:

**C. U.S. Provisional Application filed within 12 months prior to this application**

<u>Serial No.</u>	<u>Filing Date</u>
60/211,711	06/15/2000

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Residence: Cupertino, CA 95014  
Post Office Address: 21428 Krzich Place  
U.S.A. Country of Citizenship: USA

Full name of **second** inventor: DANIEL A. CARL

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Pleasanton, CA 94566  
Post Office Address: 2161 Pomezia Court  
U.S.A. Country of Citizenship: USA

Full name of **third** inventor: LIANG-YUH CHEN

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Foster City, CA 94404  
Post Office Address: 1400 Melbourne Street  
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Full name of **fourth** inventor: YEZDI DORDI

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Residence: Palo Alto, CA 94303  
Post Office Address: 104 Walter Hays Drive  
U.S.A. Country of Citizenship: USA

Full name of **fifth** inventor: PAUL F. SMITH

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Residence: San Jose, CA 95112  
Post Office Address: 225 E. Taylor Street, #4  
U.S.A. Country of Citizenship: USA

Full name of **sixth** inventor: RATSON MORAD

Inventor's signature: Ratson Morad Date: 8/16  
Residence: Palo Alto, CA 94306  
Post Office Address: 4157 Solana Drive  
U.S.A. Country of Citizenship: ISRAEL

Full name of **seventh** inventor: PETER HEY

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Sunnyvale, CA 94087  
Post Office Address: 1087 Robbia Dr.  
U.S.A. Country of Citizenship: GERMANY

Full name of **eighth** inventor: ASHOK SINHA

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Residence: Palo Alto, CA 94306  
Post Office Address: 4176 Hubbart Dr.  
U.S.A. Country of Citizenship: USA

(Declaration ends with this page)





113

## COMBINED DECLARATION AND POWER OF ATTORNEY

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This declaration is of the following type:

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- ☐ divisional
- ☐ continuation
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- ☐ is attached hereto
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☒ Such applications have been filed as follows:

**A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. 119**

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

**B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application**

Country:  
Application No:  
Filing date:

**C. U.S. Provisional Application filed within 12 months prior to this application**

<u>Serial No.</u>	<u>Filing Date</u>
60/211,711	06/15/2000

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Post Office Address: 104 Walter Hays Drive  
U.S.A. Country of Citizenship: USA


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Residence: San Jose, CA 95112  
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Post Office Address: 4157 Solana Drive  
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Residence: Sunnyvale, CA 94087  
Post Office Address: 1087 Robbia Dr.  
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The specification of which:

- ☐ is attached hereto
- ☒ was filed on June 13, 2001, under Serial No. 09/882,208, executed on even date herewith; or
- ☐ Express Mail No. (as Serial No. not yet known) and was amended on \_\_\_\_\_ (if applicable)
- ☐ was described and claimed in PCT International Application No. \_\_\_\_\_ filed on \_\_\_\_\_ and as amended under PCT Article 19 on \_\_\_\_\_.

### ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, 1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR 1.98.

**PRIORITY CLAIM (35 U.S.C. 119)**

I hereby claim foreign priority benefits under Title 35, United States Code, 119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

☐ No such applications have been filed.

☒ Such applications have been filed as follows:

**A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. 119**

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

**B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application**

Country:  
Application No:  
Filing date:

**C. U.S. Provisional Application filed within 12 months prior to this application**

<u>Serial No.</u>	<u>Filing Date</u>
60/211,711	06/15/2000

**PRIORITY CLAIM (35 U.S.C. 120)**

I hereby claim the benefit under Title 35, United States Code, 120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

☒ No such applications have been filed  
☐ Such applications have been filed, as follows:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
		<u>Patented</u> <u>Pending</u> <u>Abandoned</u>

## POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

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## DECLARATION

*I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.*

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(Declaration ends with this page)